

U.S. Department of Energy

(08/05)

WEATHERIZATION ANNUAL FILE WORKSHEET

Expiration Date: 6-30-08

Grant: EE00195

Amendment: 000

State: MO

Program year: 2009

Budget period: 07/01/2009 - 06/30/2011

II.3 Subgrantees

Grantee	City	Tentative	
		Funding	Units
01-Community Services, Incorporated of Northwest Mo.	Maryville	326,663.00	40
02-Delta Area Economic Opportunity Corporation	Portageville	447,935.00	82
03-East Missouri Action Agency	Park Hills	433,013.00	184
05-Economic Security Corporation of Southwest Mo.	Joplin	421,675.00	108
06-Green Hills Community Action Agency	Trenton	217,092.00	40
07-Central Missouri Community Action	Columbia	504,292.00	72
08-Urban League of Metropolitan St. Louis	St. Louis	959,783.00	132
09-Jefferson-Franklin Community Action Corporation	Hillsboro	342,953.00	54
10-Kansas City Department of Housing & Community Development	Kansas City	1,174,887.00	275
11-Community Action Agency of St. Louis County	St. Louis	919,745.00	232
12-Missouri Ozarks Community Action, Inc.	Richland	439,928.00	58
13-Missouri Valley Community Action Agency	Marshall	346,776.00	67
14-North East Community Action Corporation	Bowling Green	515,087.00	72
15-Northeast Missouri Community Action Agency	Kirksville	157,723.00	26
16-Ozark Action, Inc.	West Plains	351,280.00	72
17-Ozarks Area Community Action Corporation	Springfield	926,196.00	160
18-South Central Missouri Community Action Agency	Winona	321,089.00	53
19-West Central Missouri Community Action Agency	Appleton City	389,587.00	52
TOTALS		9,195,704.00	1,779

II.4 WAP Production Schedule

Total Units (excluding reweatherized)	1,744

Units by type (excluding reweatherized):	
Owner-occupied single-family site-built	
Single-family rental site-built	
Multi-family	
Owner-occupied mobile home	
Renter-occupied mobile home	
Shelter	
Units by occupancy:	
Elderly	
Persons with disabilities	
Native American	
Children	
High residential energy user	
Household with a high energy burden	
Other unit types:	
Rewatherized Units	35

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Average Unit Costs, including Reweathering, Subject to DOE Program Rules	
VEHICLES & EQUIPMENT AVERAGE COST PER DWELLING UNIT (DOE RULES)	
A	Total Vehicles & Equipment (\$5,000 or more) Budget
B	Total Units Weatherized
C	Total Units Reweatherized
D	Total Dwelling Units to be Weatherized and Reweatherized (B + C)
E	Average Vehicle & Equipment Acquisition Cost per Unit (A divided by D)
AVERAGE COST PER DWELLING UNIT (DOE RULES)	
F	Total Funds for Program Operations
G	Total Dwelling Units to be Weatherized and Reweatherized (from line D)
H	Average Program Operations Cost per Unit (F divided by G)
I	Average Vehicle & Equipment Acquisition Cost per Unit (from line E)
J	Total Average Cost per Dwelling (H plus I)

II.5 Energy Savings

Method used to calculate energy savings: WAP algorithm ☐ Other (describe below) ☒

The Missouri Department of Natural Resources Energy Center (MDNR/EC) estimates that, for the Program Year 2009/2010 funding, a total of 1779 homes will be weatherized. For these homes, it is estimated that 47,221 mmBtu/year of energy will be saved.

Method for calculating energy savings is as follows:

For determining the energy savings by fuel type, data from the Oak Ridge National Laboratories' report "Estimating the National effects of the US Department of Energy's Weatherization Assistance Program with State Level Data: A Metaevaluation Using Studies from 1993 to 2005" (ORNL/CON-493).

Average energy savings for gas heated homes	30.5 mmBtu/yr/home	
Average energy savings for electric heated homes	6.6 mmBtu/yr/home	
Average energy savings of electricity for non heating purposes	2.1 mmBtu/yr/home	
Average energy savings for homes with combined gas heating and electric baseload savings	32.6 mmBtu/yr/home	

Data collected from the Missouri Weatherization agencies, Homes Complete Summary PY 2008.

Percent of homes with electric savings only	22%
Percent of homes with gas savings only	16%
Percent of homes with both gas and electric savings	62%

$.22 \times 1779 \text{ homes} \times 6.6 \text{ mmBtu/yr/home} = 2,583 \text{ mmBtu/yr}$
 $.16 \times 1779 \text{ homes} \times 30.5 \text{ mmBtu/yr/home} = 8,681 \text{ mmBtu/yr}$
 $.62 \times 1779 \text{ homes} \times 32.6 \text{ mmBtu/yr/home} = 35,957 \text{ mmBtu/yr}$
 Estimated PY 2009/2010 savings 47,221 mmBtu/yr

Estimated energy savings: 47,221 (MBtu)

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Estimated prior year savings:

Actual: 0

If variance is large, explain:

II.6 Training, Technical Assistance, and Monitoring Activities

The goals of the Missouri Low-income Weatherization Assistance Program are to provide effective management of federal, state and other funding; continuation of improved weatherization services, increased energy efficient housing, long-term reduction in utility bills and comfort and safety of those served.

Section II.6 herein describes specific training and technical assistance activities. Section III.4 of the "On file" Information describes the overall approach and includes (1) Assessment of training needs for local weatherization agencies and (2) Productivity of agencies and development of T&TA activities.

Local weatherization agencies and the Energy Center had formed a past work group that assessed training needs and concluded that:

Training should be on-going

Training should be mandatory depending on job classification and certification requirements, voluntary in other instances

Training should include theory and hands-on approach

Training should be provided on a regional basis

Training should include a combination of training options

Training should include conferences and workshops

Training should include peer exchange

The Missouri Department of Natural Resources' Energy Center (MDNR/EC) has issued a Memorandum of Agreement with Linn State Technical College (LSTC) in which LSTC serves as an Energy Center subgrantee to provide training for the Energy Center's network of local agency weatherization technicians. LSTC is devoted to technical education at the Associate of Applied Science level. The Energy Center requires the network of local agency weatherization technicians to be trained in building science principals, advanced building diagnostics, combustion heating systems and whole house best practices approach to cost effective energy efficiency measures. Technicians are required to demonstrate competency in knowledge and performance skills in these disciplines through the Building Performance Institute (BPI) testing and certification program. Additional training, including regional training for contractors and crew, will be implemented.

Training courses will focus on Auditor, Shell Specialist and Heating/Cooling certifications. It is anticipated that training will include, but not limited to the following topics:

Building Science Principals

Basic Auditing Procedures

Advance Building Diagnostics

Air Sealing, Insulation Materials and Techniques

Combustion Heating Systems

Combustion Appliances

Duct System Diagnostics and Repair

Whole House Best Practices

Health and Safety

Mold and Mold Hazards Awareness

Using NEAT to Establish Weatherization Priorities

Blower Door

Lead-Safe Work Practices

Using MHEA to Establish Mobile Home Weatherization Priorities

During program year 2008, Missouri began using a mobile home audit component. The Manufactured Home Energy Audit (MHEA) is now available to the network as part of the Weatherization Assistant. Missouri participated in the field testing of the MHEA audit. Training will be provided on the use of NEAT/MHEA at the Training Center.

Lead-Safe Work (LSW) Practices training is planned for both direct hire and contractor crew workers. Crewmembers and contractors need to have the training before they work on homes with lead paint where painted surfaces in those homes will be disturbed in the course of doing Weatherization measures. New crewmembers and contractors are required to be trained within a six-month period. However, they cannot work on a home(s) with lead until receiving LSW training. Re-training for lead-safe work practices needs to be completed within a three-year period.

Training activities will include efforts on certification for Missouri weatherization technicians. It is important to provide a mechanism by which technicians may be certified in accordance with the Building Performance Institute (BPI). BPI has established technical

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standards and testing protocols for trade professionals to ensure efficiency and durability of the buildings they work on and the comfort and safety of the people who live in them. BPI-certified technicians are required to demonstrate competency in the knowledge and performance skills necessary to inspect, diagnose and troubleshoot building performance issues. Weatherization training for crew members and contractors will also be provided.

Beginning in program year 2005 each weatherization agency was required to have at least one BPI-certified auditor, Building Analyst I, on staff as part of a quality assurance program. Any subgrantees without the required trained and certified energy auditor must submit a corrective action plan to the Energy Center before the MDNR will award a subgrant for the subsequent program year.

Details regarding state program oversight and T&TA funding are contained in the standard federal 424 form: Federal Assistance Budget information Section A and B. Each subgrantee will be awarded a portion of T&TA funds based on the subgrantee's budgeted need and as approved by the Energy Center. Local agency T&TA funds may only be used to pay for the cost associated with:

- Crew member and contractor related training courses
- BPI related training courses related to certification and re-certification
- Local and State LIWAP-related meetings and training conferences
- Regional and national LIWAP-related meetings and training conferences
- Training on computers and software related to LIWAP operations
- LIWAP training or assistance provided between local agency subgrantees.

Effectiveness of Training and Technical Assistance:

Surveys of training participants to rate course content, effectiveness of instruction and applicability to improved weatherization services

NEAT audit results and savings to investment ratio

Cost and quality of home energy retrofit

Housing quality monitoring inspections

Implementation of best practices and work quality standards

MONITORING ACTIVITIES:

DNR/EC monitoring activities span four distinct but interrelated areas of program operations:

1. Housing quality inspections
2. Production and expenditure reviews
3. Fiscal and program operations
4. Oversight of federal/state requirements and regulations

Implementing the MDNR/EC monitoring system involves:

A. Desk Monitoring

A Subgrantee is required to submit monthly reports to MDNR/EC that include the client's names, job numbers and other required information. The Missouri Energy Center is in the process of implementation of a web-based database to assist with reporting, tracking, data retention, etc. This web-based system will assist with client file review (procedural and technical). The reporting, budget preparation, etc. will be performed through the web-based system and will prepare the reimbursements to SAM II electronically. With this web-based system, MDNR/EC can determine compliance with:

- The federally designated expenditure categories.
- Actual expenditures versus planned expenditures.
- Overall expenditure rates by each Subgrantee.
- Characteristics of completed homes.
- Numbers of completed units per month.
- Numbers of persons and households by WAP targets.

Reimbursement to a Subgrantee is based on clear, accurate reporting of expenditures and clients served. MDNR/EC provides each Subgrantee with an analysis of the monthly report. This includes feedback concerning specific problems a Subgrantee may be experiencing in its operations or in its compliance with grant requirements. Information collected is also used to target selected items for monitoring during field visits to a Subgrantee.

B. Procedural Monitoring

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MDNR/EC will visit each Subgrantee at least once each program year to review procedural, fiscal and compliance issues. MDNR/EC will conduct a thorough review of the procedures of the Subgrantee by using a standardized and extensive monitoring protocol.

A risk assessment has been performed for the subgrantee agencies. Based on this assessment, the Missouri Energy Center and MDNR Internal Audit program has determined the various levels of procedural monitoring based on risk. If a subgrantee agency is determined as low risk, a review of 5% of client files for the program year will be reviewed during the procedural monitoring, with a minimum of 5 files reviewed. If a subgrantee agency is determined as medium risk, a review of 9% of client files for the program year will be reviewed during the procedural monitoring, with a minimum of 10 files reviewed. If a subgrantee agency is determined as high risk, a review of 18% of client files for the program year will be reviewed during the procedural monitoring, with a minimum of 15 files reviewed.

MDNR/EC will review Subgrantee compliance with federal/state regulations and requirements as specified in the Missouri WAP Annual and Master files, the Missouri WAP Competitive Procurement Standards, and the MDNR General Terms and Conditions for Federal Subgrants.

Annual independent audits will be reviewed to ensure audit financial schedules match financial reports submitted during the year.

C. Housing Quality Monitoring

A variety of items are reviewed by MDNR/EC housing quality monitors during on-site visits.

1. MDNR/EC will schedule an on-site visit(s) to a Subgrantee as necessary, but at least once per program year, to inspect the quality of work on the homes completed. A representative sample of completed homes will be inspected to determine whether or not the work reported and materials installed are in compliance with WAP standards.

MDNR/EC has developed a risk assessment strategy which will be implemented in determining the number of homes to be inspected at each subgrantee agency. For agencies determined as low risk, a minimum of 5% of the total homes completed will be inspected. For agencies determined as medium risk, a minimum of 7.5% of the total homes completed will be inspected. For agencies determined as high risk, a minimum of 10% of the completed homes will be inspected.

MDNR/EC will have the option to inspect additional houses when implementing new measures, or when other concerns arise. Inspection checklists are used to assist MDNR/EC with on-site inspections. Additional information may be obtained or requested from the Subgrantee client files to document the findings of the monitoring visit. MDNR/EC will inspect the following:

- Compliance with allowable WAP measures.
- Quality of work.
- Accuracy of the report concerning the amount of material installed on the home.
- Assurance that the initial energy audit and final inspection are appropriate, accurate and complete.

2. MDNR/EC may also perform follow-up reviews of homes where additional work or corrective measures were required as a result of a past MDNR/EC inspection.

3. Selected materials will be inspected to insure they meet federal specifications.

4. Pre-audits may be done to determine accuracy.

D. Independent Monitoring**1. Independent Fiscal Audit Review**

A Subgrantee is required to have an annual fiscal audit, in accordance with OMB Circular A-133. This audit shall document expenditures and compliance with regulations and requirements. The independent auditor shall use the schedules found in the WAP audit guide to present the required financial data. Findings are compared to the subgrant and monthly reports.

Client Education: See the Missouri Weatherization Operational Manual, Section 2, page 11.

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Federal regulations allow weatherization funds to be used for leveraging activities. Under leveraging, subgrantees work at developing relationships with property owners, utility companies and other entities that generate non-federal resources for the program. Examples of some of the leveraging partnerships are donations from some local/national hardware and lumber stores, local realtors, etc. All Weatherization subgrantees participate in leveraging and partnership activities, although not all of them charge expenditures to the leveraging category for these activities. Non-federal resources are used to supplement the program and expand energy efficiency services and/or increase the number of dwelling units completed for weatherization eligible clients.

Subgrantee agencies are encouraged to budget an amount of funds the agency actually believes it will be able to use, not to exceed 5% of its grant allocation, for leveraging purposes. Subgrantee requests for leveraging must include specific planned leveraging activities; targeted partners (e.g., landlords, utilities, other agencies); and estimated outcomes including dollar amounts. If agencies do not initiate meaningful leveraging activities, the funds may be considered as state carryover, and may be redirected to other agencies.

II.8 Policy Advisory Council Members (names, groups, agencies)

10-Kansas City Department of Housing & Community Development	Mr. Robert Jackson, Weatherization Director
16-Ozark Action, Inc.	Mr. Terry Sanders, Weatherization Director
Office of Public Counsel	Mr. Ryan Kind
Boone Electric Cooperative	Mr. Chris Rohlfig
Public Service Commission	Ms. Anne Ross
Lieutenant Governor's Office	Mr. Richard Aubuchon
05-Economic Security Corporation of Southwest Area	Mr. John Joines
17-Ozarks Area Community Action Corp	Mr. Todd Steinmann, Weatherization Director
Missouri Gas Energy	Ms. Pam Levetzow
Vacancy	

II.9 State Plan Hearings (send notes, minutes, or transcript to the DOE office)

Hearing Date	Newspapers that publicized the hearings and the dates that the notice ran.
04/15/2009	Columbia Tribune (4/06/09) and Jefferson City News Tribune (4/05/09)

II.10 Adjustments to On-File Information

PY 2009 is the first year of the new 5-year WAP grant from the US DOE to MDNR. The funding included is regular Weatherization plus supplemental funding. The project period is for a two-year period.

MDNR periodically, but no less frequently than every 180 days, will evaluate subgrantees' rates of production and expenditure. If MDNR analysis shows that any subgrantee's rates of production and expenditure are substantially behind schedule, MDNR may recapture funds and redistribute them to other subgrantees with rates of production and expenditure on schedule or exceeding scheduled performance. Prior to recapture, subgrantees will be allowed to explain factors that contributed to low performance and present an action plan explaining actions the subgrantee has taken or will take to correct performance.

- The MDNR/EC plans to utilize the \$6,500 average cost per home, including any inflationary adjustments.

The tentative allocations and number of homes are based on new funding distributed to subgrantees.

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MDNR/EC began using the NEAT audit on a statewide basis on July 1, 1994. The NEAT re-approval was obtained on 12/10/2003. Audit material was submitted in PY 2008 for validation.

Efforts will be made to have representation of low income persons, particularly handicapped and Native Americans on the PAC.

Technical Work Group: The state, working with the Professional Alliance, formed a Technical Work Group. This group will advise the state on various technical matters. The Technical Work Group is represented by:

Kevin Scherr, MDNR Energy Center
 Larry Sapp, Linn State Technical College, Linn
 Terry Sanders, Ozark Action, Inc., West Plains
 Mike Baker, Northeast Missouri Community Action Agency, Kirksville
 Stephen Boniello, KC Department of Housing & Community Development, Kansas City
 Teresa House, Central Missouri Community Action, Columbia
 Randy Martin, Economic Security Corporation, Joplin
 Todd Steinmann, Ozarks Area Community Action Corporation, Springfield

The Technical Work Group will make technical recommendations regarding the Missouri Weatherization Program.

Disaster Plan

Declaration of a disaster for WAP purposes is determined by a Presidential or Gubernatorial order declaring either a Federal or State emergency. It may be the result of natural or man-made factors. It is the responsibility of the Energy Center Weatherization Assistance Program, through its subgrantee network, to assist state and community authorities in normalizing areas affected by a disaster by providing WAP resources to assist Missouri low-income citizens in recovering and rebuilding after the disaster. The Weatherization Program will adhere to the following guidelines when responding to any disasters in which the low-income population has been affected. These guidelines are intended to maximize the assistance we are able to provide while protecting the limited resources of the program.

Disaster-mitigation planning activities shall be implemented as soon as practical after the declaration of a disaster. A WAP subgrantee shall not commit WAP resources (labor or financial) until it receives approval from the Energy Center.

Any additional disaster-related funds will be allocated based on the extent of the disaster in each subgrantee area. Funds must supplement, not supplant, other funds available for disaster assistance. All funds received by the client to cover damages must be considered prior to the allocation of WAP resources. Attachment 2-3, the Disaster Certification form located at the end of this section, should be completed for each client requesting disaster assistance.

Safety measures, such as levees or other protections, should be in place prior to mitigation activities. Agency staff should consult with local utilities to ensure electric, gas and sewer hazards have been corrected or repaired.

A. Allowable Disaster Activities

Allowable disaster activities may include debris removal and other clean-up work in preparation for weatherization as well as normal weatherization services. If agency staff is assigned to another area of the state to assist in disaster activities, it will be the parent subgrantee's responsibility to maintain their salaries and to arrange for agency reimbursement. The following ECM priority list is recommended for disaster homes.

Labor for gutting damaged components of the house and debris clean up.
 Primary heating system replacement and repair (including ductwork repair; replacement, cleaning and sealing of all joints; and venting, flue and chimney replacement, repair and cleaning).
 Domestic water heaters (venting and flues included).
 Window and door repair and/or replacement.
 Air sealing (basic infiltration and exfiltration work).
 Attic insulation and ceiling coverage.
 Wall insulation.
 Restoration of electrical power (from electrical meter into the house).
 Increased Incidental and Repair costs (DOE approval must be given).

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Specific procedures to weatherize mobile homes under the disaster provisions are found in Attachment 2-3 of the Missouri Weatherization Operational Manual.

B. Eligibility Requirements

WAP subgrantees must ensure that applicants for disaster assistance (1) meet the current eligibility requirements, (2) are located within the designated disaster area and (3) have been directly affected by the disaster. Homes located in a FEMA-sanctioned area are not eligible for assistance.

Applicant homes must be certified as habitable, and a disaster certification form must be completed, signed and retained in the client file. The owner of a rental unit must list the property with Section 8 or provide other proof that the unit will remain exclusively for the low-income. A landlord contribution, based on a sliding scale, will be required (if a landlord contributes a furnace or other material, its value can be counted toward the contribution).

Client income eligibility may be based on one month's income. The fuel priority selection criteria allows for up to 100 points for disaster clients. Victims needing heating system or water heater repair or replacements will be served first.

Disaster-damaged homes may be re-weatherized without regard to the initial date of weatherization if the damage is not covered by insurance. Victims may receive repair or replacement to domestic hot water heaters as a health-and-safety measure. Repairs to the building structure that exceed the DOE average expenditure per home limits must be approved by the state.

C. Equipment Procurement

All purchased items should meet minimum energy-efficiency ratings as detailed in 10 CFR 440, Appendix A. Subgrantees must comply with all requirements specified in 10 CFR Parts 600 and 440, OMB A-87 (if applicable), OMB A-122 (if applicable), and the requirements specified in the MDNR General Terms and Conditions for Federal Subgrants, Missouri Weatherization Operational Program Manual's Competitive Procurement Standards.

D. Additional Funding

If additional funds are received from the department or other fund sources, a subgrantee may allocate up to \$10,000 per unit. If no additional funds are received, the state plan cost limits apply. Program operations money may be used to support mitigation and clean-up activities. No additional administrative funds will be provided for disaster work.

E. Disaster Expenditures Accountability and Reporting

Disaster expenditures must be accounted for and reported separately from other costs. The monthly report must show these expenses under "other". The costs will not be included in the averages. Program year budget adjustments must be submitted to the Energy Center within 30 days of the date of the incurred costs.

1

1 MISSOURI DEPARTMENT OF NATURAL RESOURCES
ENERGY CENTER

2

3

4 PUBLIC HEARING

5 STATE WEATHERIZATION PLAN

6

7

8 April 15, 2009

9 Lewis & Clark State Office Building
1101 East Riverside Drive
Jefferson City, Missouri

10

11

DOE F 540.2

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12 BEFORE: Marcy Oerly, MDNR

Joe Gassner, MDNR

13 Kathy Jeffries, MDNR

14

15

16

17

18

19 REPORTED BY:

20 KELLENE K. FEDDERSEN, RPR, CSR, CCR

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24

25

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1 P R O C E E D I N G S

2 MS. OERLY: Good morning. I'm Marcy Oerly.

3 I'm with the Department of Natural Resources Energy

4 Center. I'm the program manager for Missouri's Low Income

5 Weatherization Assistance Program. I'd like to welcome

6 you to the public hearing regarding the State's

7 application in the State Plan for federal funding of the

8 Low Income Weatherization Assistance Program.

9 We have copies of the plan in the back

10 there on that table by the door, and the plan can also be

11 found for review at the Energy Center's web site at

12 www.dnr.mo.gov/energy/weatherization/wx.htm, which I know

13 is really long, so if anybody needs that, I can write that

14 down for them after the hearing's over.

15 I want to emphasize that this hearing is

16 discussing the Missouri State Plan for the U.S. Department

17 of Energy's Low Income Weatherization Assistance Program

18 for the regular funding and not the American Recovery and

19 Reinvestment Act funding, which Missouri is calling

20 Transform Missouri funding. The public hearing for

21 Transform Missouri weatherization funds will be held on

22 April 24th, 2009 from 10 o'clock to 11:30 a.m. in the

23 Nightingale Conference Room, which is this room here, at

24 the Lewis and Clark State Office Building.

25 Today's hearing will be held from 11:15

3

1 until 11:45 or until all comments are noted for public

2 record. Written comments will also be accepted during

3 today's hearing. Comments will be accepted until close of

4 business on April 15th, 2009. After the hearing and

5 review of all submitted comments, the Department will

6 finalize the annual application and submit it to the U.S.

7 Department of Energy.

8 To begin the hearing, I plan to give a

9 brief background concerning the Low Income Weatherization

10 Assistance Program and then explain and/or clarify

11 significant additions or policy clarifications found in

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12 the State Plan. I will then open the floor for public
13 comments. We ask that open discussion be held until all
14 comments have been noted, and that questions pertain only
15 to this particular State Plan.

16 The program funds are provided by the U.S.
17 Department of Energy and are administered by the Missouri
18 Department of Natural Resources Energy Center. The
19 statewide program is administered at a local level by 16
20 community action agencies, a unit of local government and
21 a non-for-profit agency.

22 The Low Income Weatherization Assistance
23 Program objectives are to increase the energy efficiency
24 of homes owned or occupied by low-income persons and
25 reduce their total expenditures on energy while ensuring

4

1 their health and safety. The program prioritizes services
2 to the elderly, people with disabilities and families with
3 children. Since 1978, weatherization funds have helped
4 weatherize more than 150,000 homes in Missouri.

5 For eligible households, the weatherization
6 program provides cost-effective energy efficient
7 improvements that may include reducing air infiltration,
8 increasing insulation in walls, attics, floors and
9 foundations. Other measures include heating system clean
10 and tunes, heating system replacement, and minimal
11 building envelope repairs. Only measures that are
12 determined cost effective are installed on eligible
13 households.

14 When weatherizing a home, heating systems
15 and gas appliances are tested for home hazards such as gas
16 leaks and carbon monoxide. Visual and diagnostic
17 inspections help homes become safer in addition to being
18 more energy efficient.

19 The program focuses on long-term reduction
20 in utility bills and the comfort and safety of those
21 served. For example, according to the Department of
22 Energy figures, in 2008 weatherized homes nationally saved
23 1.9 billion in energy costs as a group. At current
24 prices, home energy savings average \$413 each year. These
25 savings accrue annually for the life of the measures, thus

5

1 allowing low income households more affordable energy
2 bills and makes available more money for food, medicine,
3 transportation and other necessities.

4 Federal weatherization funds in the amount
5 of \$11,566,101 have been allocated to the State of
6 Missouri by the U.S. Department of Energy. This
7 allocation is to be utilized for the period July 1st, 2009
8 through June 30th, 2011.

9 The Energy Center is proposing to allocate
10 weatherization funding according to a distribution formula
11 in the same manner as previous years. The formula uses a
12 base funding amount of \$50,000, as recommended by the
13 Policy Advisory Council, per subgrantee with a balance of
14 funds disbursed according to the low-income population in

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15 each local subgrantee service area.
 16 At this time I'd like to present for the
 17 record a list of the Weatherization Assistance Program
 18 providers, their program allocations, and estimated number
 19 of homes to be weatherized, and that information will be
 20 found on page 1 of the Annual File Worksheet. And just to
 21 note, once all subgrantee production schedules are
 22 received, the estimated number of homes to be weatherized
 23 will be adjusted based on actual subgrantee information.
 24 Because the program year 2009-2010
 25 Department of Energy grant contained supplemental

6

1 weatherization funds in combination with regular program
 2 funds, I would like to give a brief explanation of the
 3 funding breakdown. In October of 2008, 250 million in
 4 supplemental weatherization assistance funds were released
 5 nationwide. Missouri's portion of the supplemental
 6 funding was \$6,578,656.
 7 Due to the fact that Missouri is in the
 8 final year of the five-year DOE grant cycle and because of
 9 new federal accounting rules, it would be very difficult
 10 or impossible to carry over any unspent funds from the
 11 current fiscal year into the new federal grant period that
 12 begins July 1st, 2009.
 13 Rather than adding the \$6.5 to the current
 14 fiscal year funds and risk losing any unspent funds, it
 15 was the decision of both the Energy Center and the local
 16 weatherization agencies that it would be more prudent to
 17 begin utilization of those funds with the beginning of the
 18 program year 2009 grant period.
 19 In March 2009, 200 million in regular
 20 weatherization funds were released nationwide. Missouri's
 21 portion of the funding was \$4,987,445. So when combining
 22 the supplemental and regular weatherization funding,
 23 Missouri's program year 2009-2010 weatherization
 24 allocation totals \$11,566,101.
 25 Another change in the funding is the

7

1 two-year grant period. With the release of the
 2 supplemental funding program notice, the Department of
 3 Energy allowed states the option of using supplemental
 4 funds over a two-year budget period.
 5 Due to the large amount of American
 6 Recovery and Reinvestment Act weatherization funding that
 7 is required to be utilized during the three-year period,
 8 the Energy Center opted to use the two-year budget period
 9 for the regular weatherization funding. It was felt that
 10 this would give more funding flexibility to the
 11 subgrantees as well as give them more time to utilize the
 12 funds effectively.
 13 Other than the funding and the two-year
 14 grant period, the most significant additions to the plan
 15 include the following:
 16 The State will utilize the \$6,500 average
 17 cost per home average as authorized by the U.S. Department

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WEATHERIZATION ANNUAL FILE WORKSHEET (continued)

Expiration Date: 6-30-08

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18 of Energy.
19 The State has set income guidelines at
20 200 percent of the federal poverty level to comply with
21 the federal Weatherization Assistance Program regulations.
22 Also in accordance with federal
23 regulations, homes previously weatherized between
24 September 30, 1975 and September 30th, 1994 are eligible
25 to be re-weatherized. Any home weatherized after

8

1 September 30th, 1994 is not eligible to be re-weatherized
2 with federal funds.
3 Lighting retrofits, refrigerator
4 replacement and cooling measures were also added to the
5 list of eligible weatherization measures.
6 Subgrantee onsite monitoring procedures
7 were more clearly defined. The number of subgrantee homes
8 and files to be reviewed will be based on an annual risk
9 assessment.
10 The Lead Safe Weatherization protocols were
11 updated in the Health and Safety portion of the plan to
12 comply with federal regulations.
13 And yesterday during our Policy Advisory
14 Council meeting, the council reviewed the State Plan, and
15 they had a few changes that they would like to see made.
16 One of those changes was -- if I can find it. It was on
17 the -- on page 2 of the Master File, we had the
18 refrigerator replacement we had as a pilot basis. We are
19 going to strike the pilot basis. That will not be
20 included in the updated State Plan.
21 And then cooling measures, we had in
22 parentheses will discuss with the technical work group.
23 That will also -- we will do that, but we're not going
24 to -- that will be taken out of the State Plan.
25 The other change that was discussed was in

9

1 the rental procedures. See if I can find that quickly.
2 AUDIENCE MEMBER: Page 9, I believe.
3 MS. OERLE: Page 9. Of the annual or
4 master?
5 AUDIENCE MEMBER: Master.
6 MS. OERLY: Yes. Under rental procedures,
7 in the second paragraph, it was asked that we add the word
8 minimum so that it would state that the requirement that
9 the owner/landlord provide a minimum of a 5 percent cash
10 contribution. So that will be added to the State Plan as
11 well.
12 And I believe those were the changes that
13 were asked to be made through the Policy Advisory Council.
14 MR. GASSNER: On the Annual File, the
15 expiration date?
16 MS. OERLY: Well, that is something that
17 the federal DOE people will have to change. That is not
18 something that we can change here locally.
19 MS. JEFFRIES: The form has been reviewed
20 and has been approved, but they will be adding some things

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WEATHERIZATION ANNUAL FILE WORKSHEET (continued)

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21 to it, so they're not going to make that change until they
 22 add the other stuff to it.
 23 MS. OERLY: But it has been noted and the
 24 feds are aware of that issue.
 25 Okay. To conclude, that's a summary of the

10

1 additions and clarifications to the program year 2009-2010
 2 Missouri application and State Plan for federal funding of
 3 the Low Income Weatherization Assistance Program. The
 4 plan is now open for public comment. And again, we ask
 5 that open discussion be held until all comments have been
 6 noted and that questions pertain only to this particular
 7 State Plan.
 8 We also ask that if you do have a comment,
 9 that you state your full name, and we may need spelling as
 10 well for our transcriber, and your affiliation for our
 11 transcript. You may also submit a business card for our
 12 transcriber as well.
 13 MR. GASSNER: Okay. Elaine, if you'd like
 14 to provide comment.
 15 MS. WEST: Yes. Thank you. My name is
 16 Elaine West, and I am the director of the Missouri
 17 Association for Community Action, and we have a
 18 recommendation that we would like to see included in the
 19 State Plan. It is -- and I presented the written
 20 statements.
 21 We're asking that in the State Plan there
 22 be an Energy Partnership Project included, and it would be
 23 included in the State Plan, the Energy Center State
 24 Weatherization Plan. This partnership project will
 25 support the entire state weatherization network with

11

1 services that develop new initiative supported by
 2 leveraged resources.
 3 The purpose of the Missouri Energy
 4 Partnership Project is to generate new partnerships that
 5 will provide sustainable, non-federal resources to enhance
 6 the weatherization program and extend the impact of its
 7 investments with complementary activities and policies.
 8 There are three main goals in this project.
 9 One is clean energy, greener homes partnerships. This
 10 means that the communities and homes eligible for
 11 weatherization assistance will be offered such additional
 12 efficiency and clean energy investments as may be
 13 available from state, local and private resources.
 14 Goal No. 2 is streamlined program
 15 collaborations. Established partnerships that offer more
 16 affordable energy to low wage workers and retirees will be
 17 streamlined and improved to meet the challenges of
 18 high-cost energy in a resource challenged economy.
 19 The third goal is green collar employment
 20 in the emerging low-carbon market. This would include
 21 training partnerships with workforce investment boards and
 22 developers which could be offered for weatherization
 23 assistance program workers new career opportunities, and

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24 the project will seek to leverage the various resources
25 and partners needed.

12

1 That concludes my remarks. There's more,
2 but it's included in the written.
3 MR. GASSNER: Was there anybody else that
4 wanted to provide verbal comments? Okay. Melinda.
5 MS. SMITH: Melinda Smith, Missouri Ozarks
6 Community Action. On behalf of Missouri Ozarks Community
7 Action, we would like to express our support for Missouri
8 Association for Community Action and the Missouri Energy
9 Partnership Project, and we would ask that this project
10 funding be included in the Energy Center State
11 Weatherization Plan.
12 We would also like to see consideration in
13 the State Plan/Master File Worksheet, page 5, paragraph 2,
14 letter C. Currently it states replacements will be
15 limited to natural gas, propane and oil-fired systems. We
16 would like this to be changed to replacements will include
17 natural gas, propane, oil-fired systems. Electric
18 furnaces may be replaced if repair costs are greater than
19 replacement cost of new unit.
20 Also, page 5, paragraph 2, letter E, it
21 currently states a site-specific domestic water heater
22 replacement from fuel to electric may be authorized by DNR
23 Energy Center on a case-by-case basis. We would like
24 consideration for this to be changed to an electric water
25 heater can be replaced if repair costs are greater than

13

1 replacement cost of new unit.
2 MR. GASSNER: Okay. Thank you, Melinda.
3 Todd, did you have --
4 MR. STEINMANN: Yes. I have verbal, and
5 I'll give you the written. Todd Steinmann, Ozarks Energy
6 Community Action Corporation.
7 Comment No. 1, OACAC does support the
8 request from MACA board of directors, the Missouri
9 Community Action Directors Association, and the Community
10 Action Energy Task Force to request \$250,000 of regular
11 program funds as allowed by law to sponsor the development
12 of an energy conservation leveraging project called the
13 Missouri Energy Project.
14 Comment No. 2, OACAC does support DNR
15 Energy Center in allowing up to two months of up-front
16 funding. However, we ask that DNR Energy Center consider
17 to increase that to two and a half months of funding or
18 20 percent of total grant, whichever one is less, as was
19 policy before the '08-'09 program year. We also ask that
20 the money will not be revoked in any way before the end of
21 the program year.
22 Comment No. 3, OACAC supports DNR Energy
23 Center's effort in developing a web-based application and
24 reporting system, MOWAP, and to implement the system when
25 it's tested and ready.

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1 MR. GASSNER: Okay. Did anybody not get on
2 the sign-in sheet? Bob, are you ready for comments?
3 MR. JACKSON: Yes. Robert T. Jackson,
4 manager of the City of Kansas City, Missouri Property
5 Preservation Division.
6 The City of Kansas City supports the 2009
7 through '11 Weatherization State Plan. The City also
8 supports the Missouri Association of Community Action
9 Missouri Energy Partnership Project and asks that it get
10 highest consideration.
11 The City of Kansas City also supports the
12 recommended changes to the State Plan on the Master File
13 as recommended by Missouri Ozarks Community Action, Inc.
14 And the City further supports the web-based system, with
15 the caveat that DNR work with the City of Kansas City to
16 integrate its management information system for effective
17 and efficient communications with the Missouri web-based
18 system.
19 That concludes my comments.
20 MR. GASSNER: Okay. Did anybody else have
21 any? Terry, go ahead.
22 MR. SANDERS: Terry Sanders, housing
23 division director at Ozark Action in West Plains. I do
24 have these in rough note form that you can have when I'm
25 finished if you can read it.

15

1 I and Ozark Action support the 2009 regular
2 DOE funding Weatherization State Plan. I had three
3 comments. The first one dealt with the rental procedures
4 and the minimum 5 percent cash donation, which I think's
5 already been changed so I'm not going to read the whole
6 comment.
7 The second one is in the Annual File on
8 page 2, the estimated energy savings. I understand and
9 appreciate reevaluating and revising the method to
10 calculate energy savings. Unfortunately, any method can
11 now be used and entered into the official document with no
12 public review before it's submitted. I don't think
13 there's any problem with what's going to go in, but I
14 think it should have been there before the public hearing.
15 And on the up-front funding, I'd like to
16 say thank you to the Energy Center for understanding our
17 cash flow issues, for moving from one to two months of
18 up-front funding, and for offering to consider other
19 options. That concludes my comments.
20 MR. GASSNER: Okay. Thank you. Anybody
21 else? Does anybody else have any comments? Yes, Dave.
22 MR. LEYLAND: My name is Dave Leyland, and
23 I'm the executive director for Community Action
24 Partnership of Greater St. Joe in St. Joseph, Missouri.
25 First of all, I'd like to say thank you for

16

1 the opportunity to provide comments on the State Plan this
2 year. Community Action Partnership of Greater St. Joe is

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3 requesting that the Missouri Department of Natural
4 Resources grant CAPSTJOE the opportunity to operate the
5 low-income weatherization assistance programs in the
6 communities we serve, including Andrew, Buchanan, Clinton
7 and DeKalb.

8 More than 33 percent of the homes in
9 St. Joseph were built before 1939. Many are not energy
10 efficient. Many of the families living in these homes
11 live at or near the federal poverty guideline. They are
12 working families struggling to make ends meet.

13 It is the goal of Community Action
14 Partnership of Greater St. Joe to address the enormous
15 problems of substandard housing that plagues our
16 community, to provide energy efficient housing, long-term
17 reduction in utility bills and comfort and safety of those
18 served. The elderly persons with disabilities and
19 families with children will be our priorities.

20 Since 1998, Community Action Partnership of
21 Greater St. Joseph has been involved in the development of
22 over 400 affordable housing units. We've developed these
23 units using low-income tax credits and federal home funds.
24 Our most recent accomplishment includes two developments
25 totaling 78 new senior units, along with two multi-family

17

1 units totaling 64 units.

2 Another recent accomplishment is the
3 \$120,000 award and implementation of a Home Repair Program
4 for rehab and work on ownership occupied units in Clinton
5 County, one of the rural communities that we serve.

6 In April of 1965, Community Action
7 Partnership of Greater St. Joseph, formerly known as EOC,
8 was designated as a Community Action Agency for Andrew,
9 Buchanan, Clinton and DeKalb Counties of northwest
10 Missouri.

11 Until 1990, Community Action Partnership
12 was a successful subgrantee for weatherization in Andrew,
13 Buchanan, Clinton and DeKalb Counties. In 1990, Community
14 Action Partnership of Greater St. Joseph entered into an
15 agreement with Community Services, Incorporated allowing
16 CSI to provide the day-to-day operation of the
17 weatherization program for ABCD Counties. This decision
18 was based on federal funding -- on reduced funding and
19 difficulties for both EOC and CSI having problems in
20 maintaining cost effective programs.

21 For nearly 45 years Community Action
22 Partnership of Greater St. Joseph has maintained superior
23 results in administering federal and state contracts.
24 Our annual operating budget exceeds \$6.5 million, most of
25 which comes from federal funds.

18

1 We comply with all regulatory requirements,
2 and accountability is at the forefront of everything we
3 do. Community Action Partnership of Greater St. Joseph is
4 designated as -- by the City of St. Joseph and the
5 Missouri Housing Development Commission as a community

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6 housing development organization. We've created and
 7 maintain strong relationships with city and county
 8 officials in the creation and rehabilitation of affordable
 9 housing stock in our communities. We have a rich history
 10 of partnering with public and private resources to
 11 maximize the value of the programs we administer.
 12 We also have considerable knowledge of
 13 local construction contractors and laborers in the
 14 communities we serve. We plan to enlist the support of
 15 all sectors of the community to rapidly implement
 16 weatherization in all of the counties that we serve. I
 17 have the written.
 18 MR. GASSNER: Okay. Anybody else that has
 19 written or verbal comments they would like to include?
 20 Jackie.
 21 MS. TIMM: Jackie Timm with Urban League in
 22 St. Louis. In general, we support the State Plan, and
 23 before the end of the business day I will submit to you my
 24 written comments.
 25 MR. GASSNER: Thanks, Jackie. Anybody

19

1 else? Okay. And did anybody not get signed in on